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United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

FEBRUARY 1937

Any five of the nontechnical publications listed herein, unless indicated "For sale only", may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.
Free distribution of technical material and periodicals is restricted.

FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

The locoweed disease. C. Dwight Marsh, A. B. Clawson, and W. W. Egleston. Revised by A. B. Clawson. 33 p., illus. (F. B. 1054F., rev.) Price, 5¢.

Planting and care of street trees. Furman Lloyd Mulford, Bureau of Plant Industry. 29 p., illus. (F. B. 1209F., rev.) Price, 5¢.

Seed peas for the canner. D. N. Shoemaker and B. L. Wade, Bureau of Plant Industry. 17 p., illus. (F. B. 1253F., rev.) Price, 5¢.

The dasheen: A southern root crop for home use and market. Robert A. Young, Bureau of Plant Industry. 38 p., illus. (F. B. 1396F., rev.) Price, 10¢.

High-grade alfalfa hay: Methods of producing, baling, and loading for market. Edward C. Parker and W. H. Hosterman, Bureau of Agricultural Economics. 30 p., illus. (F. B. 1539F., rev.) Price, 5¢.

Preparation of bunched beets, carrots, and turnips for market. William E. Lewis, Bureau of Agricultural Economics. 20 p., illus. (F. B. 1594F., rev.) Price, 5¢.

LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins except that the leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in informal, popular style, and are limited to eight pages.

The sweetpotato weevil and how to control it. K. L. Cockerham, Bureau of Entomology and Plant Quarantine. 6 p., illus. (Leaf. 121L.) Price, 5¢.

Although this weevil is the most important and destructive insect pest attacking the sweetpotato crop, serious damage can be prevented by following the recommendations for its control given in this leaflet.

The farmer's share of the consumer's food dollar. Bureau of Home Economics. 6 p., illus. Leaf. 123L.) Price, 5¢.

In preparing this leaflet, the best available figures have been brought together from different sources. They answer the consumer's questions rather better than they do the farmers'. In neither case do they give exact information but they are suggestive and significant.

TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited as they are intended primarily for scientific workers and subject-matter specialists.

Bud selection in Eureka and Lisbon lemons and progeny tests of bud variations. A. D. Shamel, C. S. Pomeroy, and R. E. Caryl, Bureau of Plant Industry. 44 p., illus. (T. B. 531T). Price, 10¢.

This bulletin contains the results of some of the performance-record studies of these progeny propagations and deals primarily with the degree of perpetuation of the characteristics of the outstanding variations.

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Growth of Douglas fir trees of known seed source. Thornton T. Munger and William G. Morris, Forest Service. 40 p., illus. (T. B. 537T.) Price, 10¢.

The conclusions presented here should not be taken as wide generalizations; they apply only under the specific growing conditions affecting the parent trees and plantations of the study.

Methods for the measurement of certain character properties of raw cotton. Howard B. Richardson, T. L. W. Bailey, Jr., and Carl M. Conrad, Bureau of Agricultural Economics. 77 p., illus. (T. B. 545T.) Price, 15¢.

The detailed technique for measuring these fiber properties and expressing the results have been worked out in such a way as to provide not only the required specifications, but also the necessary detailed information for those who desire to use them.

CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

Parasites and predators of the Mexican bean beetle in the United States. N. F. Howard and B. J. Landis, Bureau of Entomology and Plant Quarantine. 12 p., illus. (Cir. 418C.) Price, 5¢.

This circular contains a considerable list of natural enemies of the Mexican bean beetle accumulated through its longer establishment in certain areas and more careful observation by entomologists, and a brief description of these natural enemies.

A method for the control of cotton root rot in the irrigated Southwest. C. J. King, Bureau of Plant Industry. 10 p., illus. (Cir. 425C.) Price, 5¢.

It has been estimated that cotton root rot causes crop losses in Texas amounting to 100 million dollars annually. In seven other States in which it occurs it effects annual losses which probably exceed 50 million dollars.

Emergency wind-erosion control. Glenn K. Rule, Soil Conservation Service, in collaboration with subject-matter specialists. 11 p., illus. (Cir. 430C.) Price, 5¢.

During the last 5 years soil drifting and dust storms have occurred in the Great Plains more frequently and with greater severity than at any time since occupation by farmers. The Plains farmer can either protect the fields from being overgrazed or burned, or he can have his unprotected fields roughened before the soil starts drifting.

SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area.

New York, Broome County. (No. 11, series 1932.) 40 p., illus. Price, 30¢.
Virginia, Augusta County. (No. 13, series 1932.) 46 p., illus. Price, 40¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the Department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Bureau of Animal Industry, service and regulatory announcements. Index, January–December 1936. Pp. 133–135; January 1937. Pp. 1–12. (S. R. A., B. A. I. 357.) Price, 5¢.[1]

Notices of Judgment under the Food and Drugs Act. Food and Drug Administration. Pp. 403–436 (N. J., F. D. 25801–25850), Drugs; pp. 437–479 (N. J., F. D. 25851–25950), Foods; pp. 481–503 (N. J., F. D. 25951–26000), Foods; pp. 1–48 (N. J., F. D. 26001–26105), Foods; pp. 49–88 (N. J., F. D. 26106–26175), Drugs.[2]

OTHER PUBLICATIONS

First aid for flooded homes and farms. 16 p.

Prepared to assist those who are returning to homes and farms that have been flooded. The information here presented has come from several bureaus in the Department of Agriculture and from State agricultural colleges that have had experience in rehabilitation work following floods.

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[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

[2] These may be obtained from the issuing bureau.

Indicate below, by numbers **IN NUMERICAL ORDER**, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired, please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication. Be sure to fill in blank form on reverse side.

Farmers' Bulletins	Leaflets	Other publications

List of available publications of the United States Department of Agriculture, January 2, 1937. Arranged by subjects. F. L. Zimmerman, Office of Information. 191 p. (M. P. 60M., rev.)

Topsoil: Its preservation. Soil Conservation Service. 22 p., illus. Price, 10¢.

Shows how soil losses may be averted through better cropping systems, changes in tillage practices, terracing, strip cropping, contour farming, contour furrowing in pastures, gully control, and by retiring badly eroded land to trees or grass.

Wheat futures. Volume of trading, open commitments, and prices from January 3, 1933, to December 31, 1935. Prepared by the Commodity Exchange Administration. (Formerly the Grain Futures Administration.) 108 p. Price, 15¢.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 21, no. 2, February 1, 1937. Price, 5¢ a copy; 25¢ a year, domestic; 45¢ a year, foreign.[1]

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily except Sundays and holidays, 25¢ a month, $3 a year; daily, including Sundays and holidays, 30¢ a month, $3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscription, $7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States, 20¢ a month, $2.40 a year.[1]

Experiment station record. Vol. 74. Index number. January–June 1936; vol. 76, no. 2, February 1937. Price, $1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; $1.75 per volume, foreign. Single number for sale only. Price, 15¢.[2]

A technical view of the world's scientific literature pertaining to agriculture.

Extension service review. Vol. 8, no. 1, January 1937. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 90¢ a year, foreign.[2]

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

[2] These may be obtained from the issuing bureau.

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Journal of agricultural research. Price, $3.25 a year, domestic; $4.75 a year, foreign. Each issue, 15¢, domestic; 20¢, foreign. (Separates) 5¢, domestic; 8¢, foreign.[2] Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

——— Vol. 53, no. 11. December 1, 1936. Illus.

Contents:

A cytological study of *Erysiphe polygoni* on *Delphinium* (G–1030). Ruth F. Allen
Hybrid vigor and growth rates in a maize cross and its reciprocal (G–1038.) G. F. Sprague.
The optical rotatory power of extracts of derris and cube roots (K–278). Howard A. Jones.
Relative toxic action of phenol and phenyl mercaptan, when the goldfish is used as the test animal (K–279). W. A. Gersdorff.
The physiology of *Rhizopus oryzae* (E–68). L. B. Lockwood, G. E. Ward, and O. E. May.
Chemical composition and fermentation studies of citron (Mass.–47). C. R. Fellers and E. G. Smith.
Effect of fertilizer on quality and chemical composition of canning peas (Wis.–80). F. L. Musbach and Otto E. Sell.

——— Vol. 53, no. 12, December 15, 1936. Illus.

Contents:

Developmental morphology of the Caryopsis in maize (G–1035). L. F. Randolph.
Resistance to bacterial wilt of open-pollinated varieties of sweet, dent, and flint corn (Wis.–78). S. S. Ivanoff.
Resistance to bacterial wilt of inbred strains and crosses of sweet corn (Wis.–79). S. S. Ivanoff and A. J. Riker.

Monthly weather review. Vol. 64, no. 11, November 1936. Illus. Price, 15¢ a copy; $1.50 a year, domestic; $2.25 a year, foreign.[2] Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretative summary, and (3) climatological tables.

Soil conservation. Vol. 2, no. 8, February 1937. Price, 10¢ a copy; $1 a year, domestic.[2]

Issued monthly by the Soil Conservation Service. Seeks to supply to workers and cooperators of the Department of Agriculture engaged in soil-conservation activities information of especial help to them in the performance of their duties.

Weekly weather and crop bulletin. Nos. 5–8, February 2–23, 1937. Price, 50¢ a year, domestic; $1 a year, foreign.[2]

[2] These may be obtained from the issuing bureau.

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